

Title (en)
SHAFT CONNECTOR FOR ACCESS TO THE SKULL

Title (de)
SCHAFT-ANSCHLUSS FÜR SCHÄDELZUGANG

Title (fr)
CONNECTEUR DE TIGE POUR L'ACCES DU CRANE

Publication
EP 2324790 A1 20110525 (EN)

Application
EP 10191712 A 20101118

Priority
NL 2003831 A 20091119

Abstract (en)
A shaft connector configured to connect a shaft that has to be partly inserted through the skull of patient to the skull of the patient, the shaft connector comprising a skull connecting part, a shaft bush with a shaft clamp to fixate a shaft within the shaft bush, a bush clamping device to fixate the shaft bush relative to the skull connecting part so that a settable direction of the bush channel axis relative to the central axis is fixated as desired, an operating provision including a first and a second handle configured and arranged to be engaged by a single hand, the operating provision being configured to bring the bush clamping device from the release position in the clamping position by movement of the first handle relative to the second handle without exerting a force on the skull via the skull connecting part.

IPC 8 full level
A61B 19/00 (2006.01); **A61B 17/34** (2006.01)

CPC (source: EP US)
A61B 90/11 (2016.02 - EP US); **A61B 2017/3407** (2013.01 - EP US); **A61B 2090/103** (2016.02 - EP US)

Citation (applicant)
• US 4681103 A 19870721 - BONER JAMES C [US], et al
• WO 9817191 A1 19980430 - MAGNETIC VISION GMBH [CH], et al

Citation (search report)
• [A] US 2003040753 A1 20030227 - DAUM WOLFGANG [DE], et al
• [A] US 4681103 A 19870721 - BONER JAMES C [US], et al
• [A] WO 0178814 A1 20011025 - U HOI S [US], et al

Cited by
RU2651886C2; GB2489492A; GB2489492B; US10456201B1; US9480531B2; WO2014094719A1; WO2011156701A3; WO2016132390A1; US8747419B2; US9445793B2

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 2324790 A1 20110525; **EP 2324790 B1 20150318**; NL 2003831 C2 20110523; US 2011118710 A1 20110519; US 8647331 B2 20140211

DOCDB simple family (application)
EP 10191712 A 20101118; NL 2003831 A 20091119; US 94950010 A 20101118